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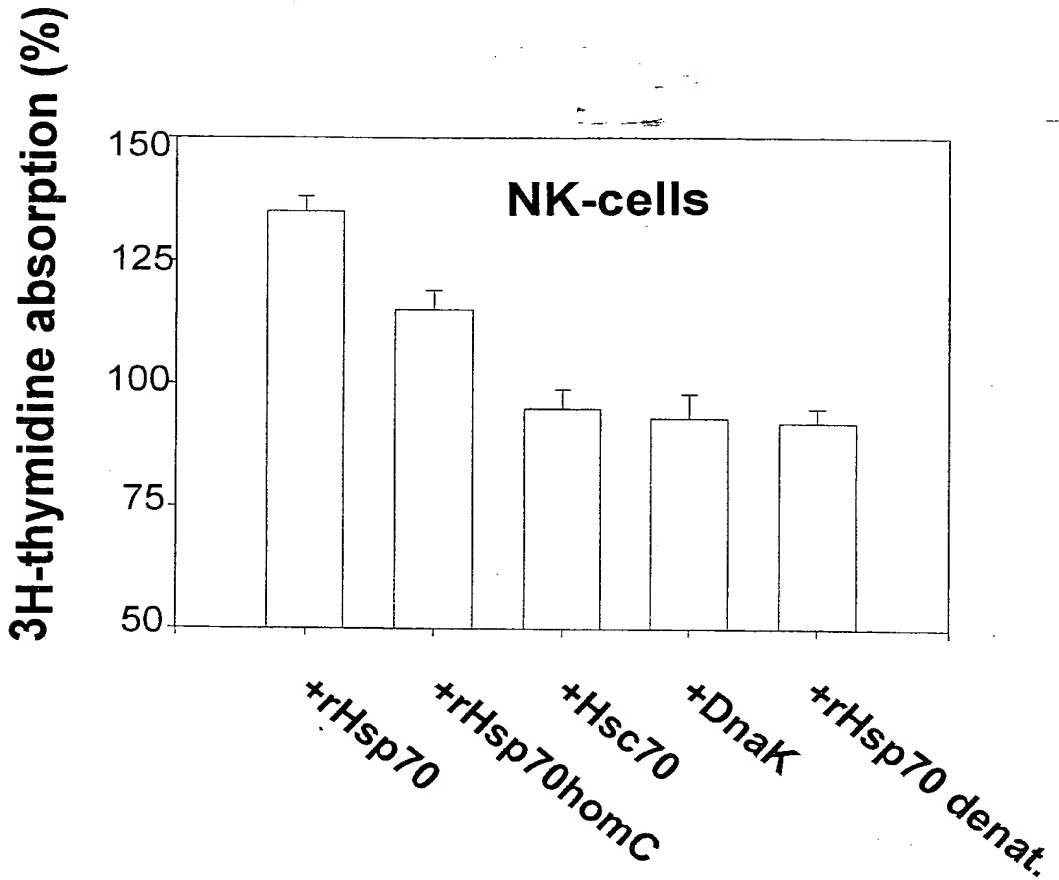
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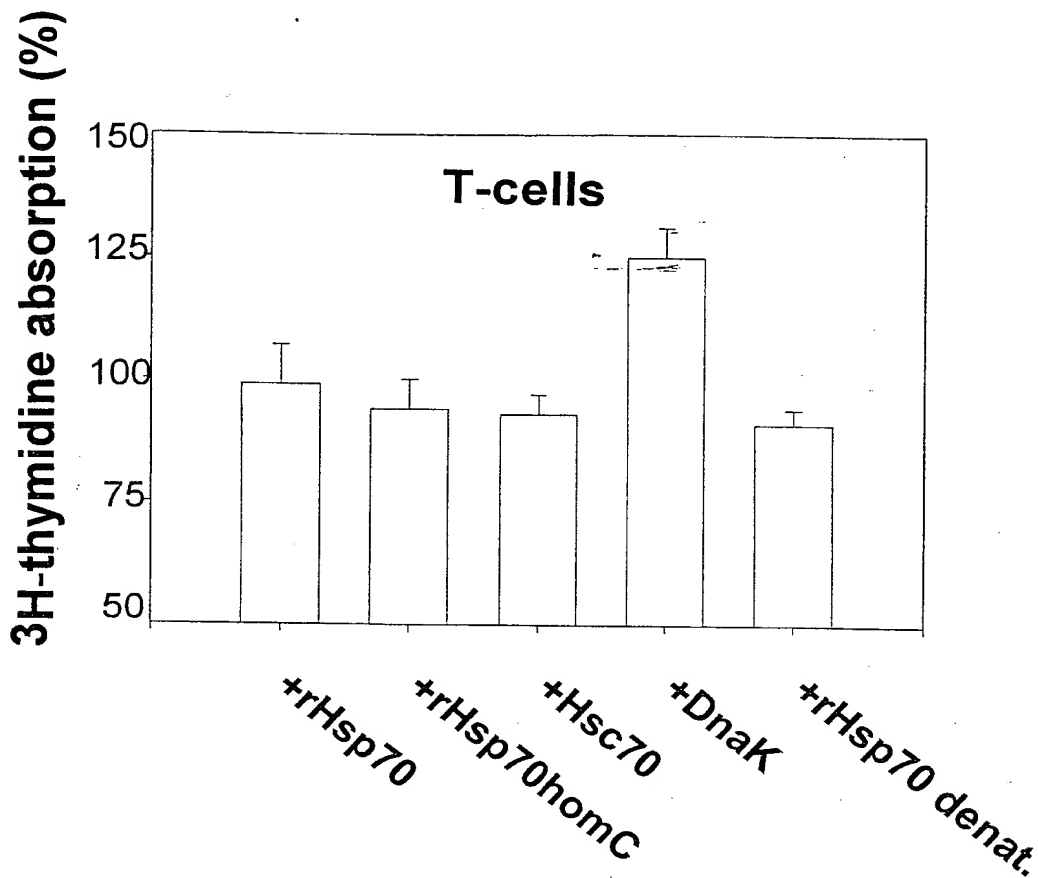
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FIG. 1A

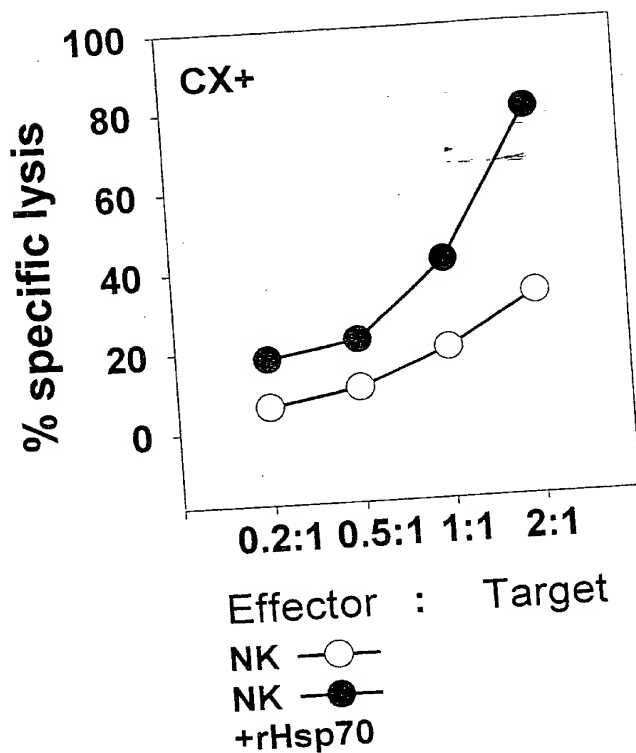


Growth of NK-cells increased by rHsp70, rHsp70-C_{term} and rHsp70homC

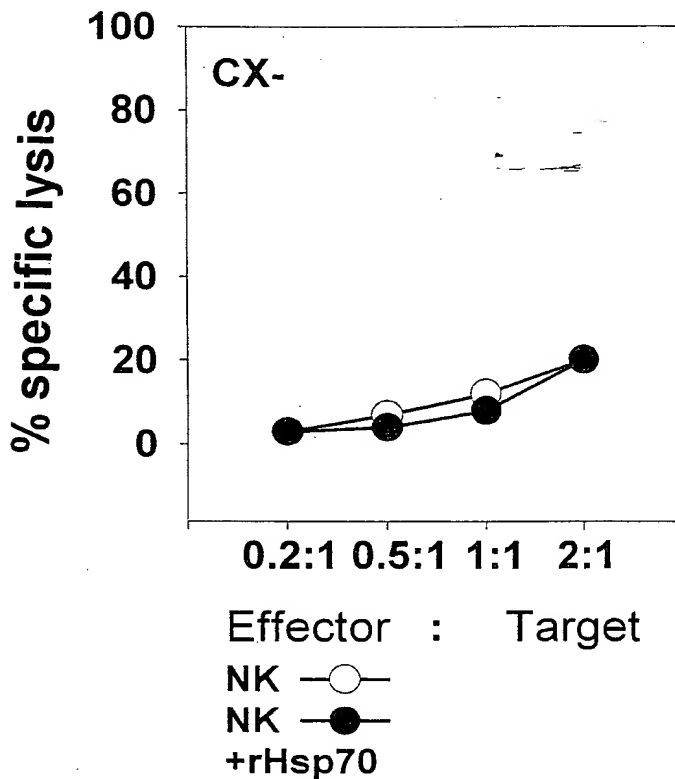
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FIG. 1B

Increase in the growth of T-cells exclusively by DnaK (=E. coli Hsp70)

FIG. 2A 3/8



Recombinant Hsp70-protein increases the lysis of CX+ tumour cells
(which have Hsp70 on the membrane)

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FIG. 2B

Recombinant Hsp70-protein does not increase the lysis of CX- tumour cells (no Hsp70-membrane expression)

FIG. 3 5/8

Tumour growth after i.p. injection of CX+ and NK cells (day 21)

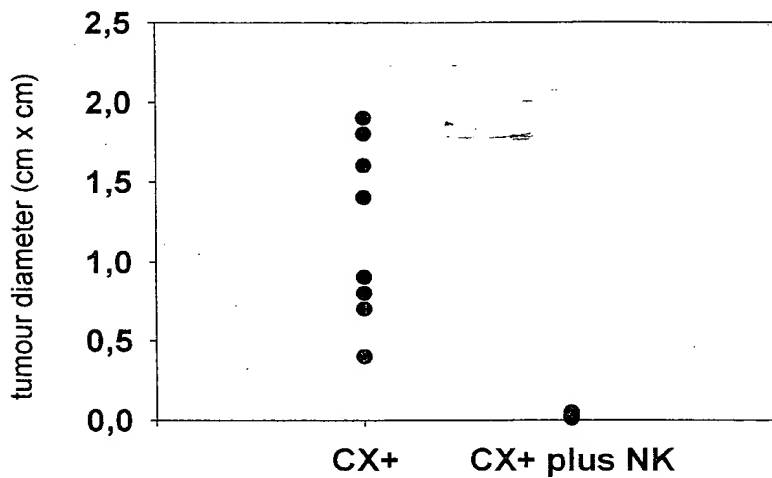


FIG. 4 6/8

Tumour growth after o.t. injection of CX+ and i.v. injection of NK cells (d35)

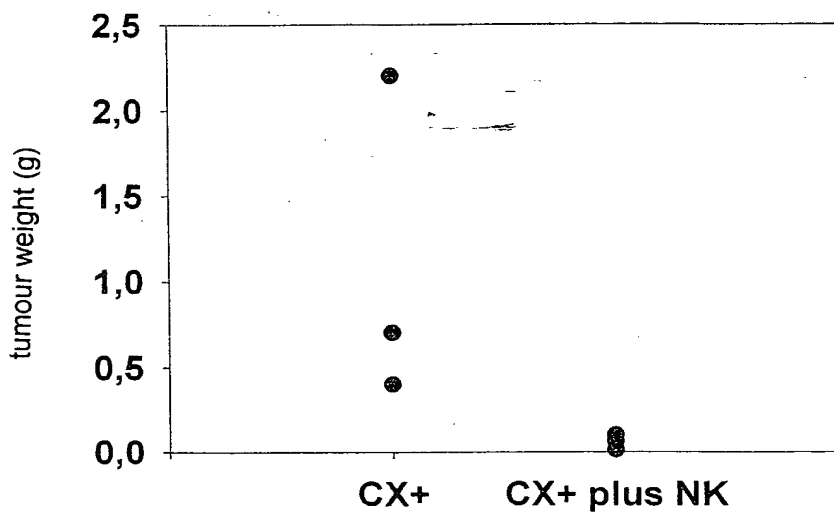
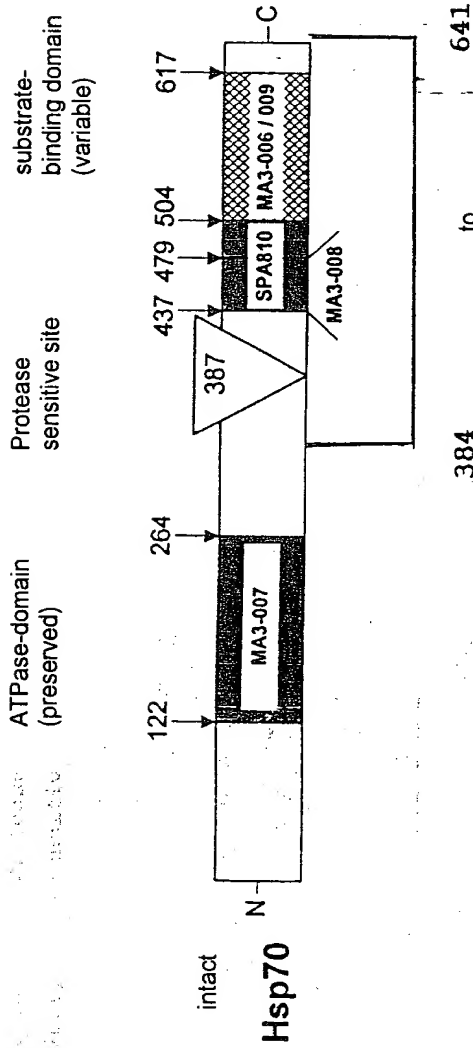


FIG. 5



Intact Hsp70-protein with display of the C-terminal region necessary for the NK-stimulation.

FIG. 6

1. Multiple stimulation of NK-cells
Inactive effector cells (NK- but also T-cells) are multiply stimulated by:
 - *ENKASTIM* or derived HSP subunits (here shown as triangles)
 - Interleukin-2 (IL-2)
 - HSP-expressing tumour cells

As a result, the growth and the killer activity of tumour specific NK- and T-cells is stimulated.
2. Increase in the HSP expression on tumour cells by:
 - ether lipid treatment
 - newly developed substances

